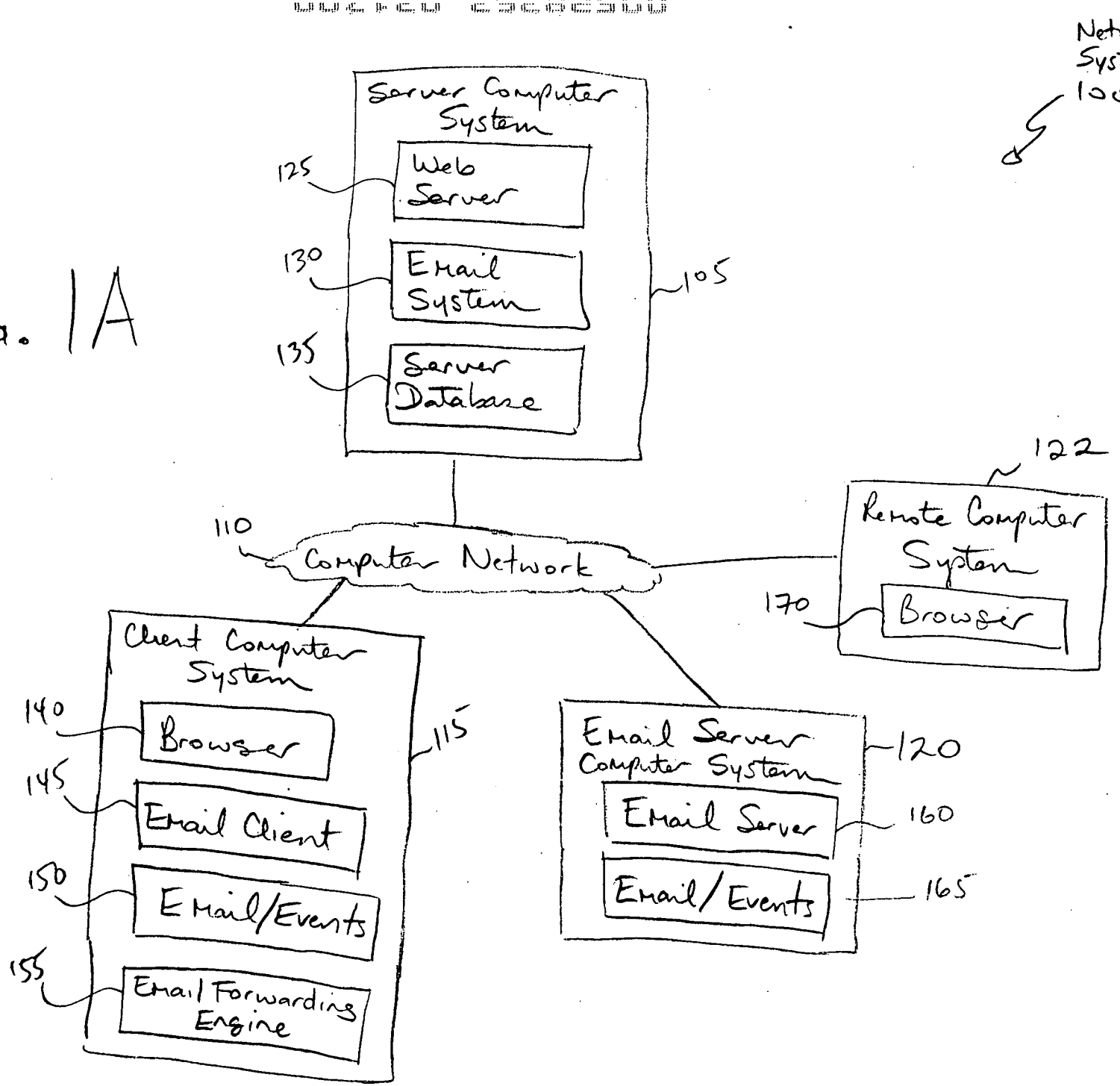
DOCKET ESCOSO

FIG. 1A



DOCKET ES68250

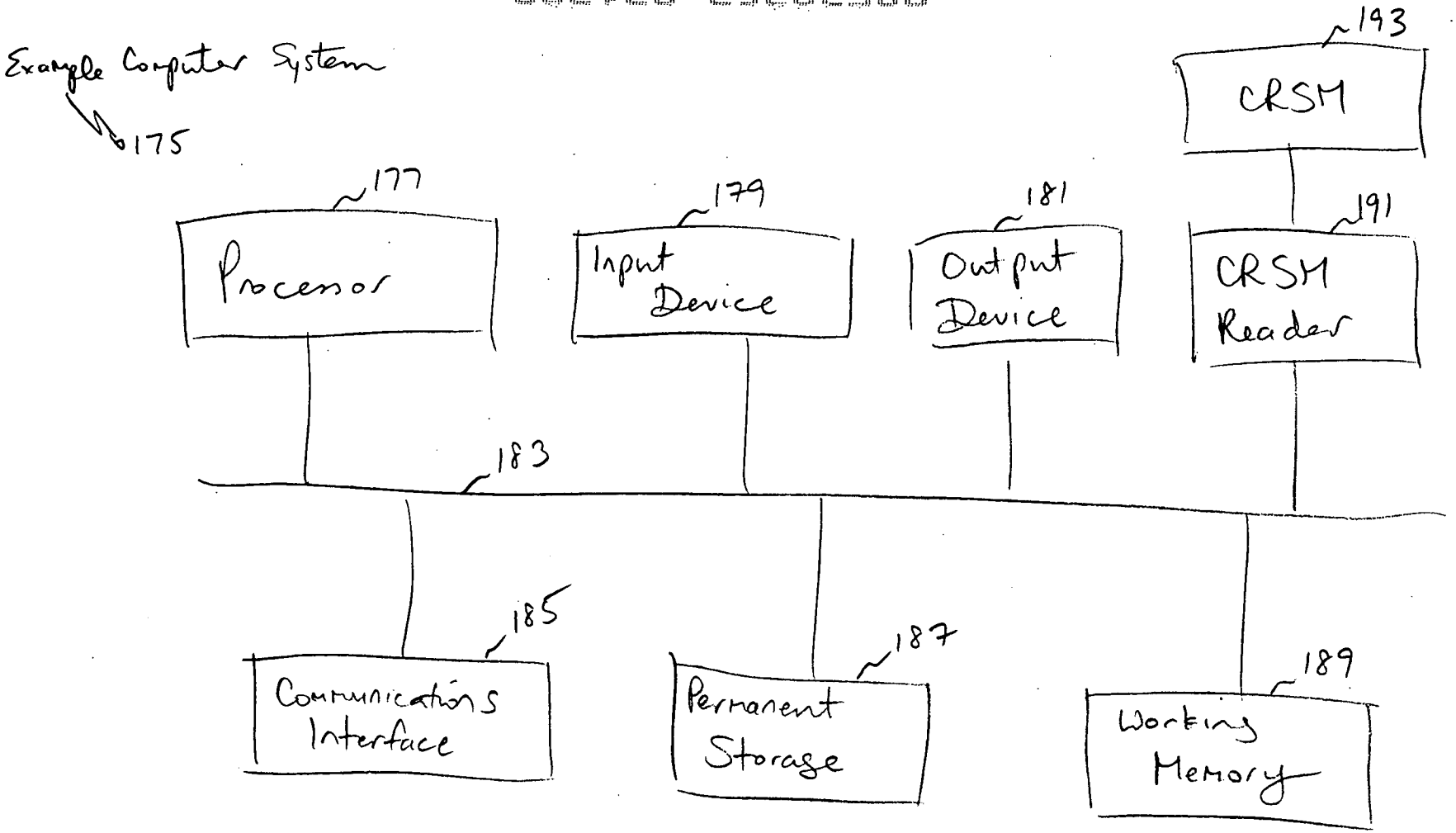


FIG. 1B

Email System 130

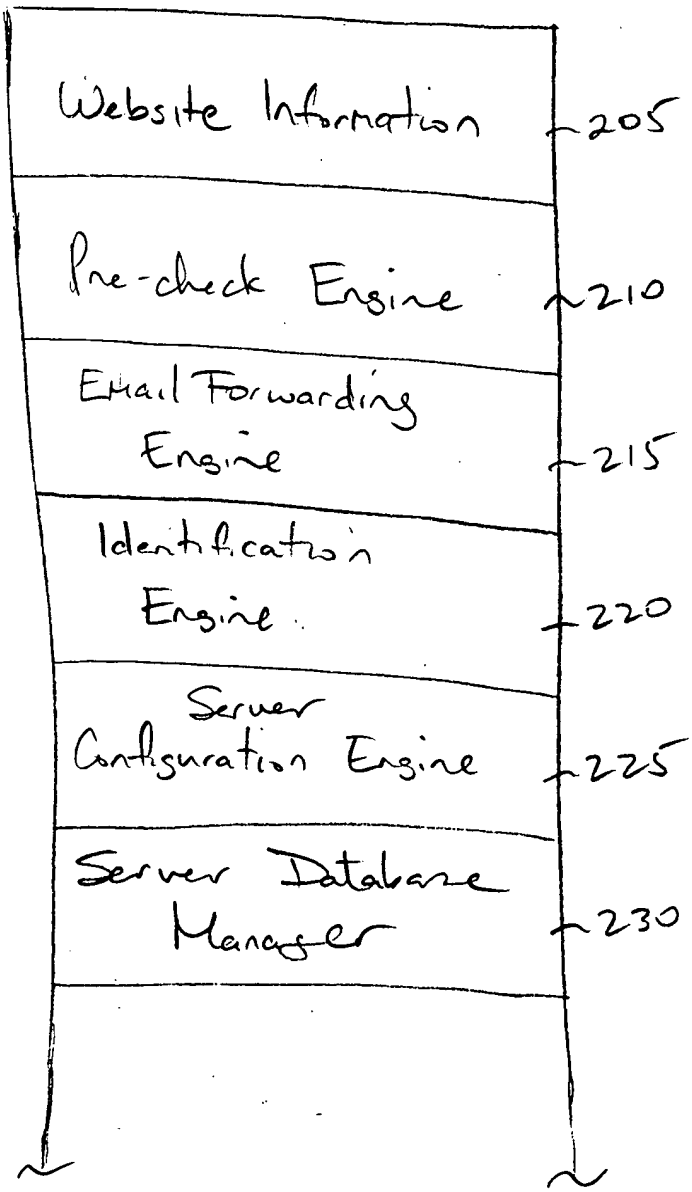


FIG. 2

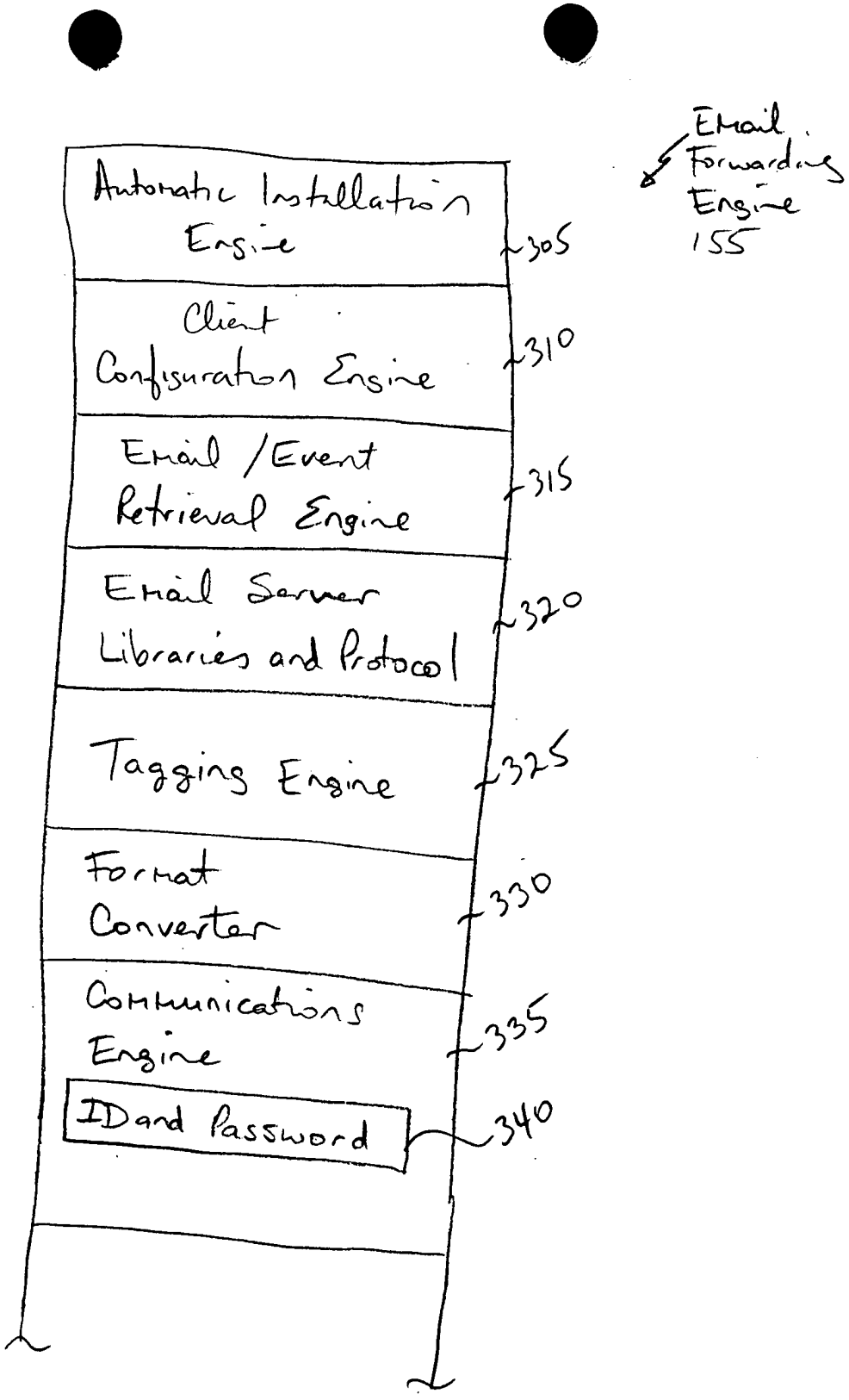

Email Forwarding Engine 155
Automatic Installation Engine
305
Client Configuration Engine
310
Email / Event Retrieval Engine
315
Email Server Libraries and Protocol
320
Tagging Engine
325
Format Converter
330
Communications Engine
335
ID and Password
340

FIG. 3A

Email Forwarding Engine

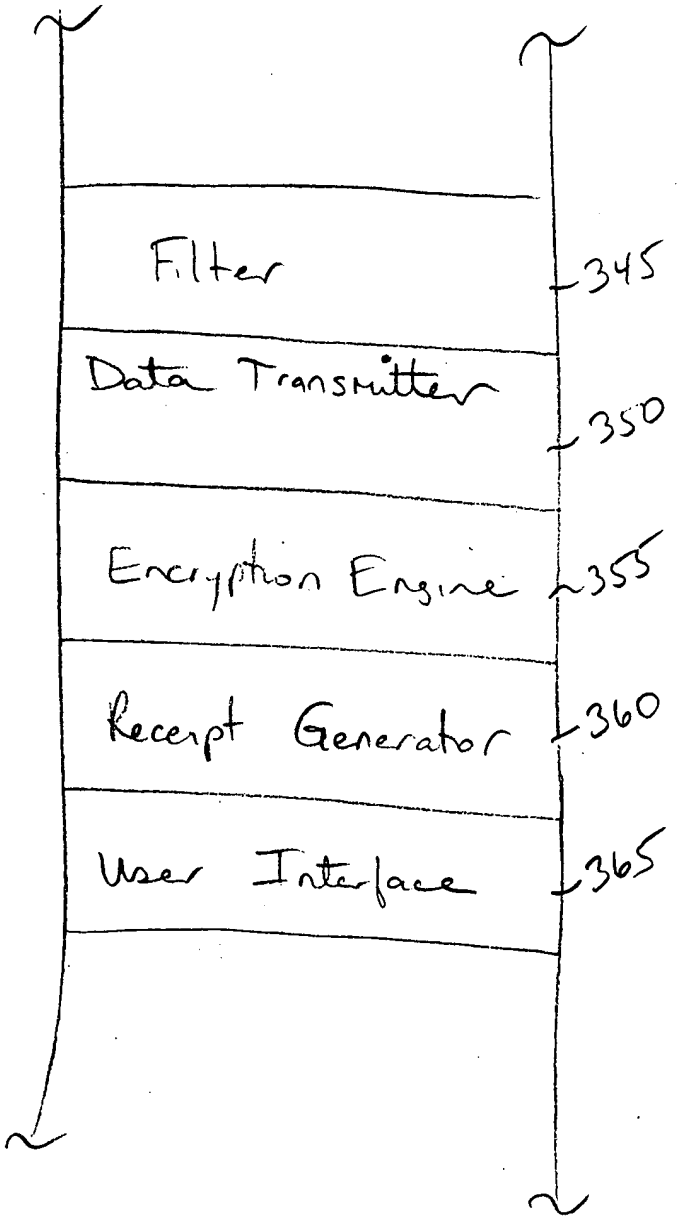


FIG. 3B

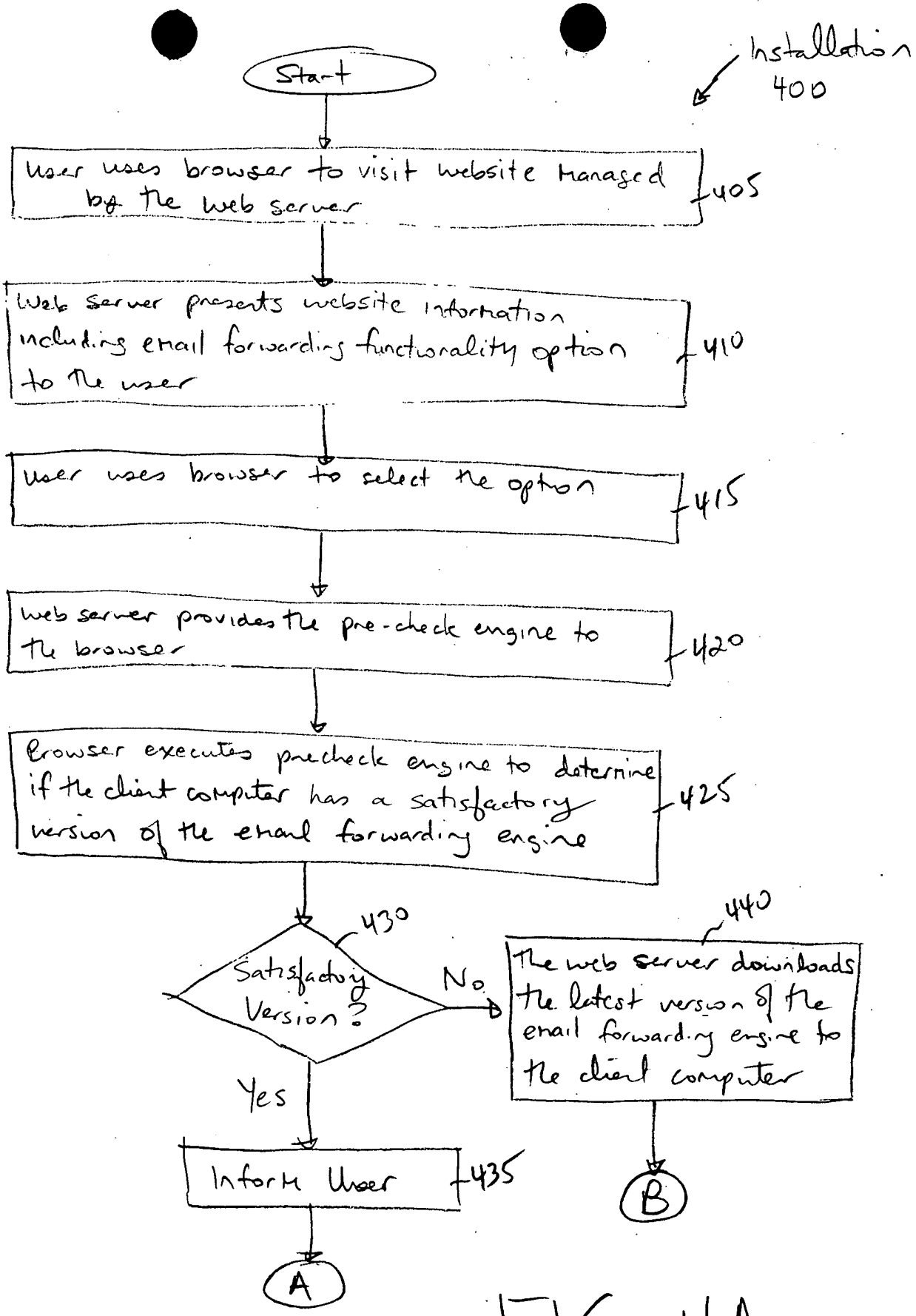

Installation 400
Start
User uses browser to visit website managed by the web server
405
Web server presents website information including email forwarding functionality option to the user
410
User uses browser to select the option
415
Web server provides the pre-check engine to the browser
420
Browser executes precheck engine to determine if the client computer has a satisfactory version of the email forwarding engine
425
430
Satisfactory Version?
No
Yes
440
The web server downloads the latest version of the email forwarding engine to the client computer
Inform User
435
A
B

FIG. 4A

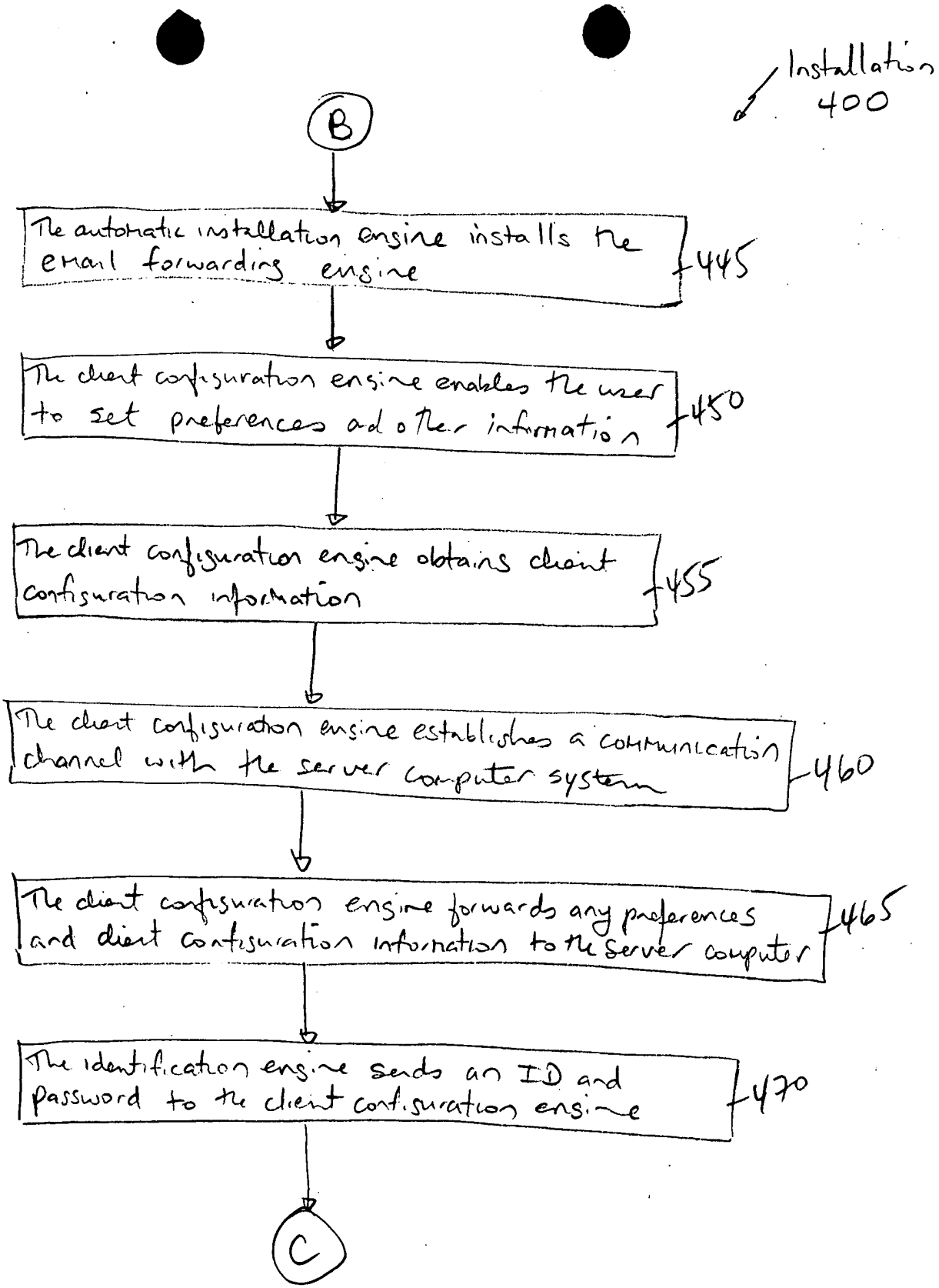

Installation 400
B
The automatic installation engine installs the email forwarding engine
445
The client configuration engine enables the user to set preferences and other information
450
The client configuration engine obtains client configuration information
455
The client configuration engine establishes a communication channel with the server computer system
460
The client configuration engine forwards any preferences and client configuration information to the server computer
465
The identification engine sends an ID and password to the client configuration engine
470
C

FIG. 4B

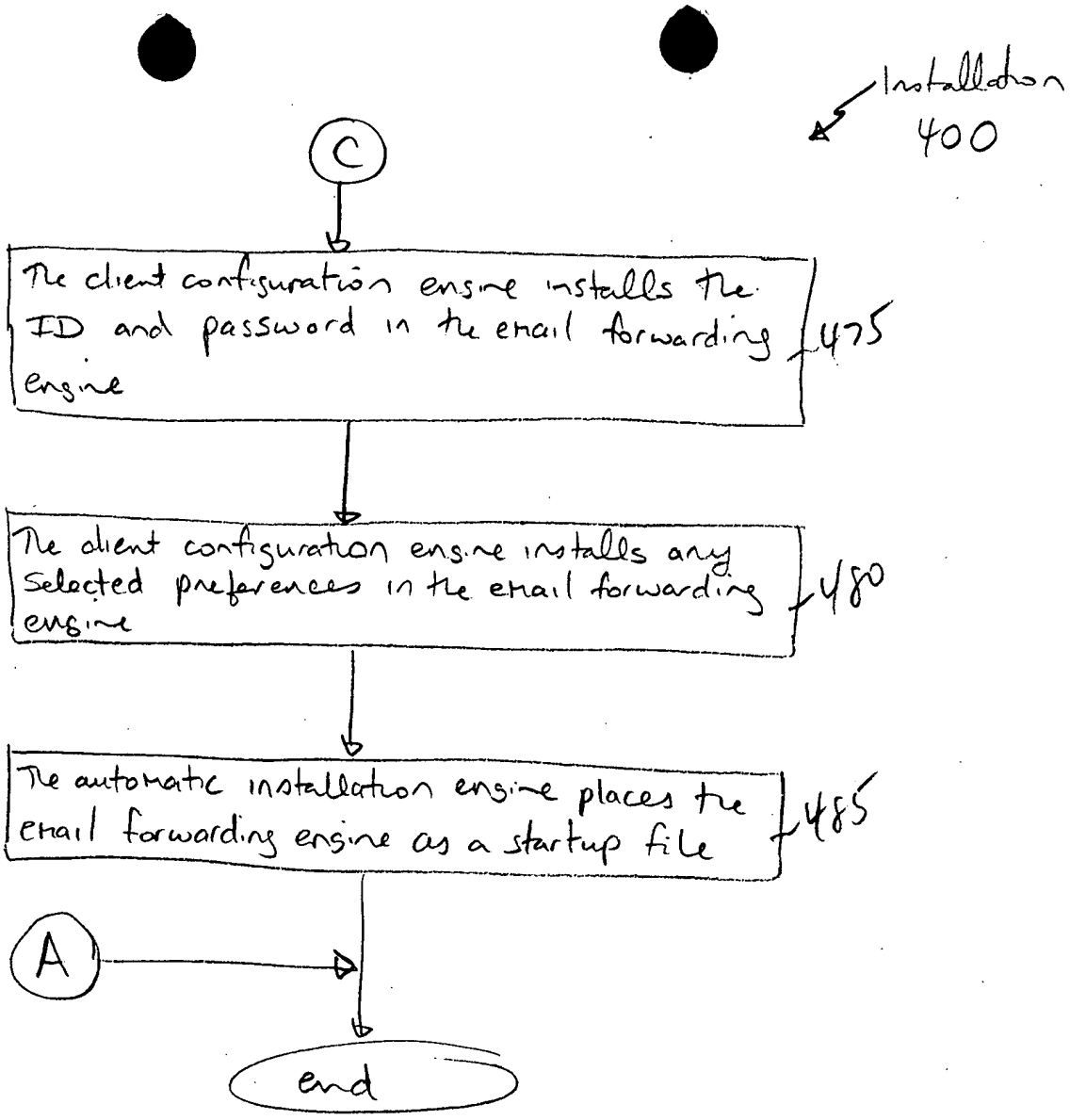

Installation
400
C
The client configuration engine installs the ID and password in the email forwarding engine
475
The client configuration engine installs any selected preferences in the email forwarding engine
480
The automatic installation engine places the email forwarding engine as a startup file
485
A
end

FIG. 4C

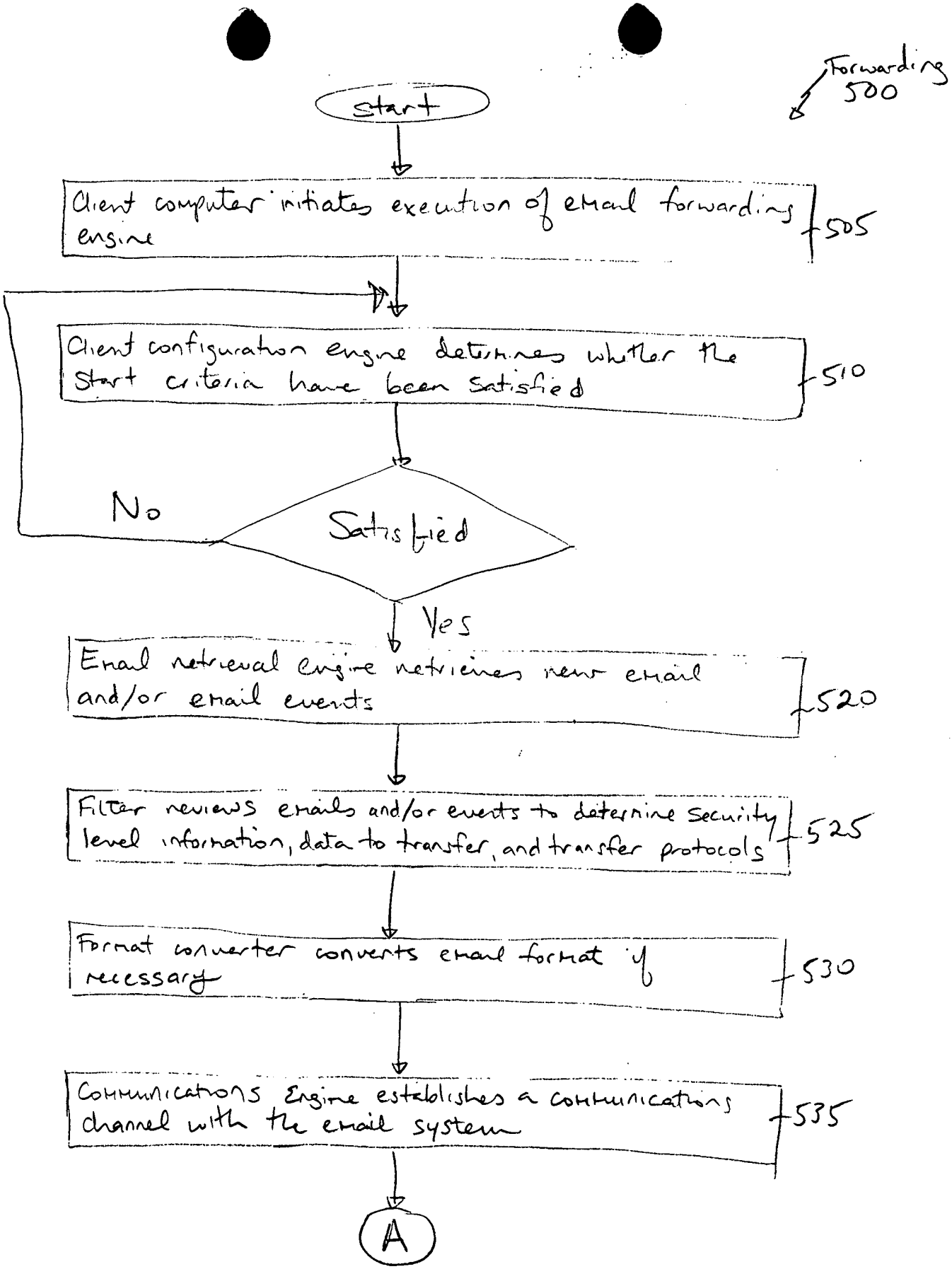

Forwarding
500
Start
Client computer initiates execution of email forwarding engine
505
Client configuration engine determines whether the start criteria have been satisfied
510
No
Satisfied
Yes
Email retrieval engine retrieves new email and/or email events
520
Filter reviews emails and/or events to determine security level information, data to transfer, and transfer protocols
525
Format converter converts email format if necessary
530
Communications Engine establishes a communications channel with the email system
535
A

FIG. 5A

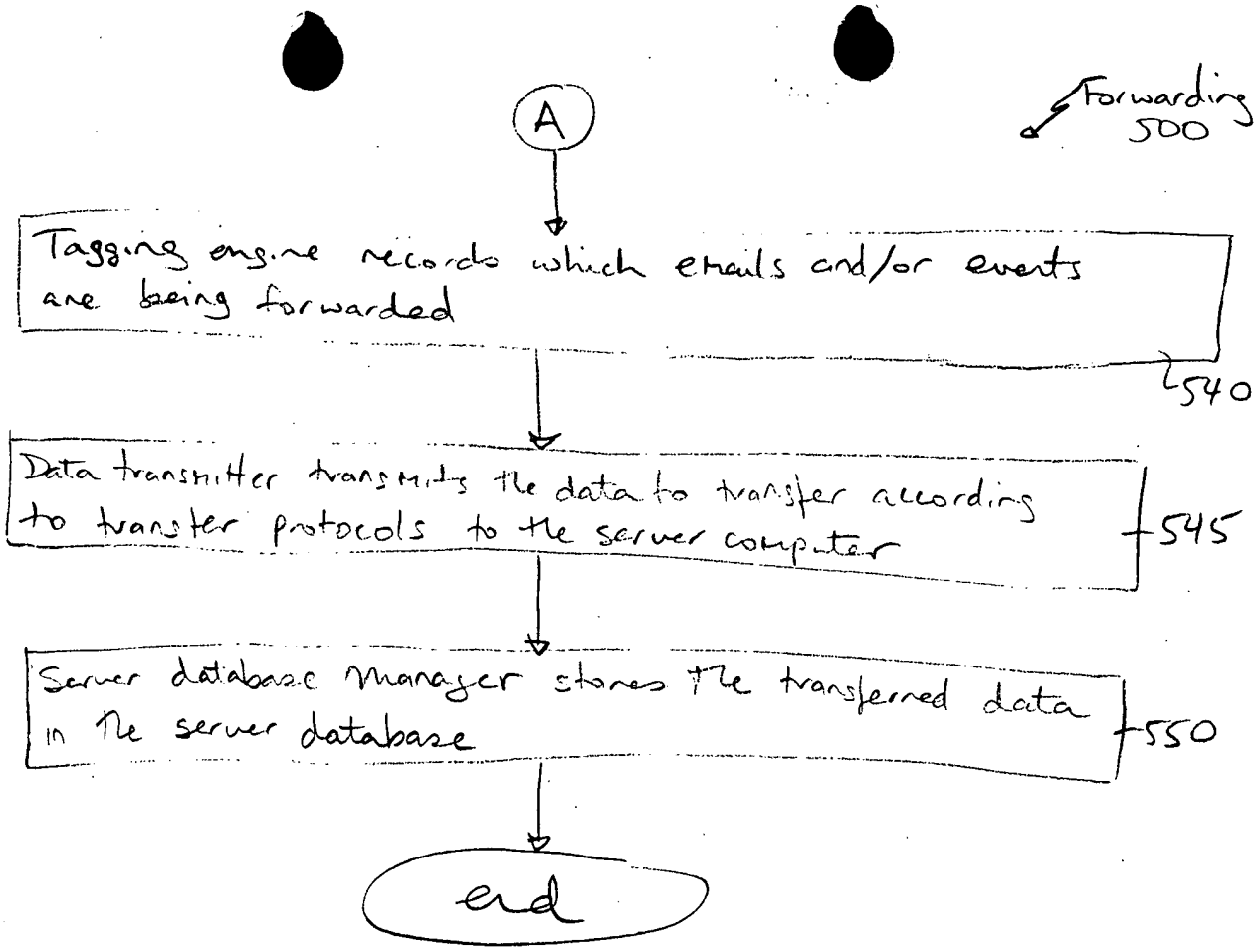

A
Forwarding
500
Tagging engine records which emails and/or events are being forwarded
540
Data transmitter transmits the data to transfer according to transfer protocols to the server computer
545
Server database manager stores the transferred data in the server database
550
end

FIG. 5B

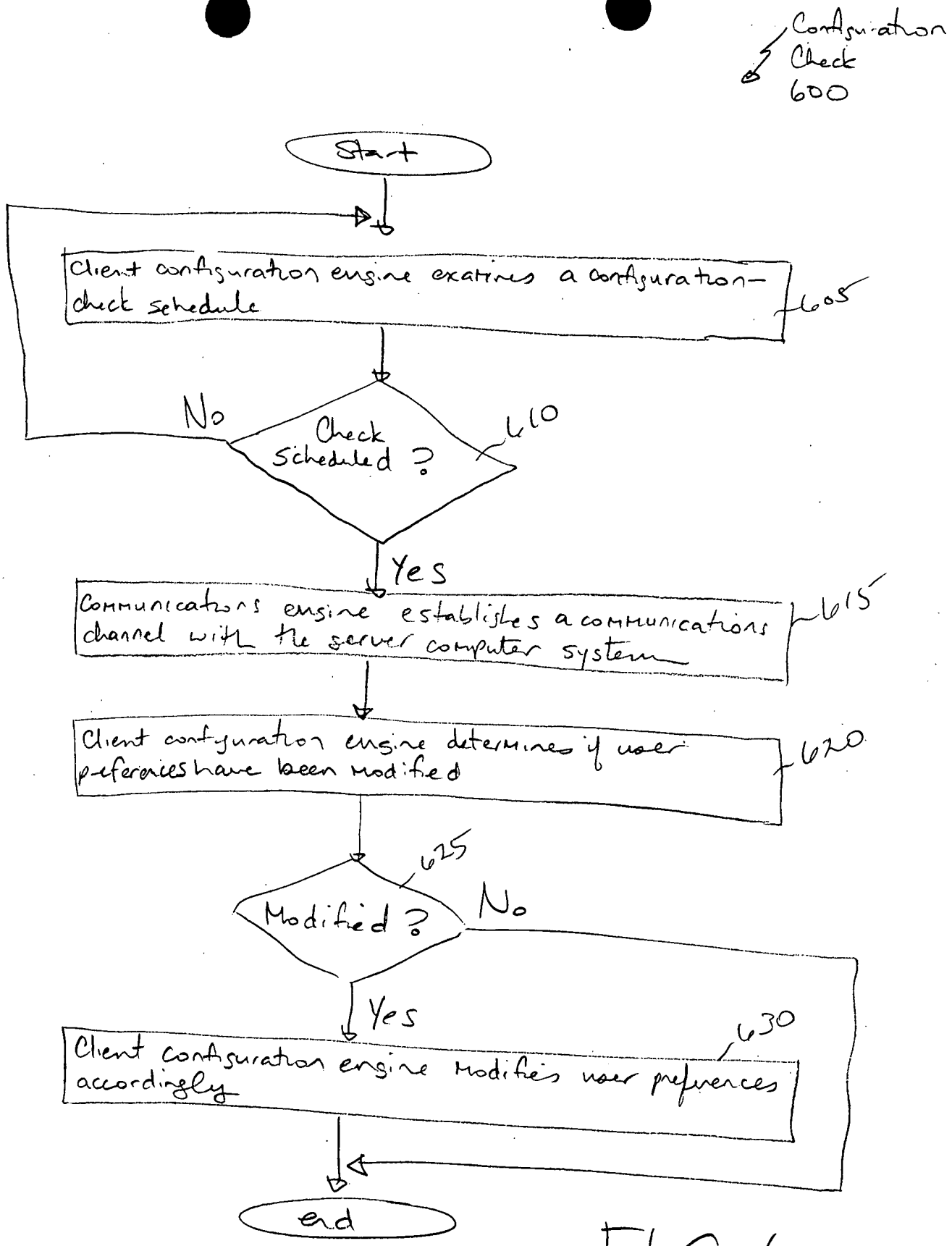

Configuration Check 600
Start
Client configuration engine examines a configuration-check schedule
605
Check Scheduled ?
610
No
Yes
Communications engine establishes a communications channel with the server computer system
615
Client configuration engine determines if user preferences have been modified
620
Modified ?
625
No
Yes
Client configuration engine modifies user preferences accordingly
630
end

FIG. 6